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9	84	((medical and diagnose and test and decision and cost) and @ad<20001010) and neural	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 14:01

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7	2	medical and neural and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:49
8	5728	medical and neural and test	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:49
9	4229	(medical and neural and test) and clas$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
10	119	((medical and neural and test) and clas$) and objective and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
11	39	(((medical and neural and test) and clas$) and objective and bayesian) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:14

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15	51	(((medical and diagnose and test and decision) and gather and information) and cost) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:44
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17	24	("decision making" and medical and "next test") and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:58
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| 22 | 80 | (((("additional information" and test) and medical and neural) and @ad<20001010) and objective and cost) and value | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/04/29 09:14 |
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9	4229	(medical and neural and test) and clas$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
10	119	((medical and neural and test) and clas$) and objective and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
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((medical and test and classification and objective) and ((1950 <in> py) or (1951 <in> py

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---

1 **An expert system for control and cell classification**
Donovan, R.M.;
Engineering in Medicine and Biology Society, 1988. Proceedings of the Annual
International Conference of the IEEE , 4-7 Nov 1988
Page(s): 1382 vol.3

[Abstract]　[PDF Full-Text (80 KB)] **IEEE CNF**

---

2 **Present applications and future needs for portable and installed non-destructive assay systems for attended and unattended operation Euratom Safeguards Directorate**
Smith, B.G.R.; Chare, P.; Wagner, H.; Swinhoe, M.; Goerten, J.;
Nuclear Science Symposium and Medical Imaging Conference, 1991., Conferen
Record of the 1991 IEEE , 2-9 Nov 1991
Page(s): 1238 -1245 vol.2

[Abstract]　[PDF Full-Text (732 KB)] **IEEE CNF**

---

3 **Integration of neural networks and decision tree classifiers for auton cytology screening**
Lee, J.S.-J.; Hwang, J.-N.; Davis, D.T.; Nelson, A.C.;
Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on , \
i , 8-14 Jul 1991
Page(s): 257 -262 vol.1

[Abstract]　[PDF Full-Text (468 KB)] **IEEE CNF**

---

4 **Application of time-frequency analysis to the classification of Bjork-S Convexo-Concave heart valve condition**

Scarbrough, K.; Inderbitzen, R.S.;
Computer-Based Medical Systems, 1994., Proceedings 1994 IEEE Seventh Syn
on , 10-12 Jun 1994
Page(s): 131 -138

[Abstract]   [PDF Full-Text (260 KB)] **IEEE CNF**

---

5 **Application of genetic optimization to medical image segmentation**
Cornely, R.; Kuklinski, W.;
Bioengineering Conference, 1994., Proceedings of the 1994 20th Annual North
17-18 Mar 1994
Page(s): 76 -79

[Abstract]   [PDF Full-Text (248 KB)] **IEEE CNF**

---

6 **Fast image analysis using Kohonen maps**
Willett, D.; Busch, C.; Seibert, F.;
Neural Networks for Signal Processing [1994] IV. Proceedings of the 1994 IEEE
Workshop , 6-8 Sep 1994
Page(s): 461 -470

[Abstract]   [PDF Full-Text (452 KB)] **IEEE CNF**

---

7 **An approach to automatic segmentation of 3D intravascular ultrasou**
images
Jianming Hu; Xiheng Hu;
Nuclear Science Symposium and Medical Imaging Conference, 1994., 1994 IEE
Conference Record , Volume: 3 , 30 Oct-5 Nov 1994
Page(s): 1461 -1464 vol.3

[Abstract]   [PDF Full-Text (460 KB)] **IEEE CNF**

---

8 **The use of echocardiographic image processing in detecting rejectior**
cardiac transplantation
Hardouin, I.; Lieback, E.; Marois, J.C.; Hetzer, R.;
Ultrasonics Symposium, 1994. Proceedings., 1994 IEEE , Volume: 3 , 1-4 Nov :
Page(s): 1441 -1444 vol.3

[Abstract]   [PDF Full-Text (332 KB)] **IEEE CNF**

---

9 **Wavelet transform matched filters for the detection and classificatior**
microcalcifications in mammography
Strickland, R.N.; Hee Il Hahn;
Image Processing, 1995. Proceedings., International Conference on , Volume: :

23-26 Oct 1995
Page(s): 422 -425 vol.1

[Abstract]   [PDF Full-Text (600 KB)] **IEEE CNF**

---

10 **A hybrid intelligent diagnostic system based on neural networks anc analysis techniques in the field of automated cytogenetics**
Eskiizmirliler, S.; Erkmen, A.M.; Basaran, F.; Nur Cakar, A.;
Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996
Page(s): 315 -318 vol.1

[Abstract]   [PDF Full-Text (436 KB)] **IEEE CNF**

---

11 **Nonlinear PDE operators with memory terms for image processing**
Cottet, G.-H.; El Ayyadi, M.;
Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996
Page(s): 481 -483 vol.1

[Abstract]   [PDF Full-Text (428 KB)] **IEEE CNF**

---

12 **A screening test for speech pathology assessment using objective qu measures**
Wallen, E.J.; Hansen, J.H.L.;
Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Confere
Volume: 2 , 3-6 Oct 1996
Page(s): 776 -779 vol.2

[Abstract]   [PDF Full-Text (436 KB)] **IEEE CNF**

---

13 **A sequential detection method for late auditory evoked potentials**
Hoppe, U.; Eysholdt, U.; Weiss, S.;
Engineering in Medicine and Biology Society, 1996. Bridging Disciplines for
Biomedicine. Proceedings of the 18th Annual International Conference of the IE
Volume: 3 , 31 Oct-3 Nov 1996
Page(s): 999 -1000 vol.3

[Abstract]   [PDF Full-Text (208 KB)] **IEEE CNF**

---

14 **Feature-based stereological volume estimation in sectional images**
Toennies, K.D.; Ozdoba, C.;
Engineering in Medicine and Biology society, 1997. Proceedings of the 19th An
International Conference of the IEEE , Volume: 4 , 30 Oct-2 Nov 1997

Page(s): 1468 -1471 vol.4

[Abstract]   [PDF Full-Text (304 KB)] **IEEE CNF**

15 **An application of machine learning in the diagnosis of ischaemic hea disease**
Kukar, M.; Groselj, C.; Kononenko, I.; Fettich, J.J.;
Computer-Based Medical Systems, 1997. Proceedings., Tenth IEEE Symposiurr
11-13 Jun 1997
Page(s): 70 -75

[Abstract]   [PDF Full-Text (368 KB)] **IEEE CNF**

16 **Tomographic feature detection and classification using parallelotopε bounded error estimation**
Hero, A.O., III; Yong Zhang; Rogers, W.L.;
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE Interr
Conference on , Volume: 4 , 21-24 Apr 1997
Page(s): 2849 -2852 vol.4

[Abstract]   [PDF Full-Text (360 KB)] **IEEE CNF**

17 **Neural network objective functions for detection problems**
Weber, D.; Breitenbach, J.;
Communications and Signal Processing, 1997. COMSIG '97., Proceedings of thε
South African Symposium on , 9-10 Sep 1997
Page(s): 43 -46

[Abstract]   [PDF Full-Text (376 KB)] **IEEE CNF**

18 **Detection of spicules in mammograms**
Jiang, H.; Tiu, W.; Yamamoto, S.; Iisaku, S.-I.;
Image Processing, 1997. Proceedings., International Conference on , Volume: ϟ
26-29 Oct 1997
Page(s): 520 -523 vol.3

[Abstract]   [PDF Full-Text (408 KB)] **IEEE CNF**

19 **“Visual ophthalmologist” an automated system for classification of retinal damage**
Aleynikov, S.; Micheli-Tzanakou, E.;
Neural Networks,1997., International Conference on , Volume: 4 , 9-12 Jun 19ϟ
Page(s): 2485 -2489 vol.4

[Abstract]   [PDF Full-Text (800 KB)] **IEEE CNF**

---

20 A neural network classifier for the automatic interpretation of epileptogenic zones in F-18FDG brain PET
Jae Sung Lee; Seok-Ki Kim; Dong Soo Lee; Myung Chul Lee; Kwang Suk Park;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 3 , 29 Oct-1 Nov 1998
Page(s): 1408 -1411 vol.3

[Abstract]   [PDF Full-Text (420 KB)] **IEEE CNF**

---

21 Real-time classification of electrocardiogram based on fractal and correlation analyses
Lai, K.T.; Chan, K.L.;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , 29 Oct-1 Nov 1998
Page(s): 119 -122 vol.1

[Abstract]   [PDF Full-Text (288 KB)] **IEEE CNF**

---

22 The quantitative analysis approach for a heart sound information sy
Cao Zehan; Zhou Shiyong; Fu Li; Pei Yuli; Xiao Shouzhong;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 3 , 29 Oct-1 Nov 1998
Page(s): 1620 -1621 vol.3

[Abstract]   [PDF Full-Text (196 KB)] **IEEE CNF**

---

23 Adaptation of ultrasound image texture characterization parameters
Chan, K.L.;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 2 , 29 Oct-1 Nov 1998
Page(s): 804 -807 vol.2

[Abstract]   [PDF Full-Text (384 KB)] **IEEE CNF**

---

24 Classification of electrocardiogram using hidden Markov models
Cheng, W.T.; Chan, K.L.;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , 29 Oct-1 Nov 1998
Page(s): 143 -146 vol.1

[Abstract]   [PDF Full-Text (280 KB)] **IEEE CNF**

25 **Reusability and requirements engineering in intelligent systems**

Welzer, T.; Rozman, I.; Druzovec, M.; Brumen, B.;
Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings.
IEEE International Conference on , Volume: 5 , 1999
Page(s): 796 -799 vol.5

[Abstract] [PDF Full-Text (288 KB)] **IEEE CNF**

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---

1 **Robust methodology for the discrimination of brain tumours from in '
magnetic resonance spectra**
Lisboa, P.J.G.; Lee, A.Y.B.; El-Deredy, E.; Huang, Y.; Harris, P.;
Advances in Medical Signal and Information Processing, 2000. First Internatior
Conference on (IEE Conf. Publ. No. 476) , 2000
Page(s): 88 -95

[Abstract]   [PDF Full-Text (508 KB)] **IEE CNF**

---

2 **The study of micro-arousals using neural network analysis of the EEC**
Zamora, M.; Tarassenko, L.;
Artificial Neural Networks, 1999. ICANN 99. Ninth International Conference on
Publ. No. 470) , Volume: 2 , 1999
Page(s): 625 -630 vol.2

[Abstract]   [PDF Full-Text (396 KB)] **IEE CNF**

---

3 **A comparison of ICU mortality prediction using the Apache II scoring
system and artificial neural network**
Wong, L.S.S.; Young, J.D.;
Intelligent Decision Support in Clinical Practice (Ref. No. 1998/462), IEE Colloc
on , 22 Jun 1998
Page(s): 11/1 -11/3

[Abstract]   [PDF Full-Text (164 KB)] **IEE CNF**

---

4 **Automated recognition of auditory evoked potentials**
McAllister, H.G.; McCullagh, P.J.;

Intelligent Decision Support in Clinical Practice (Ref. No. 1998/462), IEE Colloc
on , 22 Jun 1998
Page(s): 9/1 -9/3

[Abstract]   [PDF Full-Text (176 KB)] **IEE CNF**

---

5 **A hybrid neuro-fuzzy system for the classification of normal, fusion a
cardiac beats in the MIT-BIH database**
Ramirez-Rodriguez, C.; Vladimirova, T.;
Artificial Intelligence Methods for Biomedical Data Processing, IEE Colloquium (
Apr 1996
Page(s): 2/1 -2/6

[Abstract]   [PDF Full-Text (364 KB)] **IEE CNF**

---

6 **Identification of relevant features in ^{1}H MR tumour spectra using net
networks**
El-Deredy, W.; Branston, N.M.;
Artificial Neural Networks, 1995., Fourth International Conference on , 26-28 J

Page(s): 454 -458

[Abstract]   [PDF Full-Text (468 KB)] **IEE CNF**

---

7 **International Conference on Image Processing and its Applications ((
Publ. No.354)**
Image Processing and its Applications, 1992., International Conference on , 7-!
1992

[Abstract]   [PDF Full-Text (32 KB)] **IEE CNF**

---

8 **Neural nets for ECG classification**
Pietka, E.;
Engineering in Medicine and Biology Society, 1989. Images of the Twenty-First
Century. Proceedings of the Annual International Conference of the IEEE Engin
in , 9-12 Nov 1989
Page(s): 2021 -2022 vol.6

[Abstract]   [PDF Full-Text (124 KB)] **IEEE CNF**

---

9 **Neural network based multi sensor heart sound analysis**
Barschdorff, D.; Ester, S.; Dorsel, T.; Most, E.;
Computers in Cardiology 1990. Proceedings. , 23-26 Sep 1990
Page(s): 303 -306

[Abstract]   [PDF Full-Text (232 KB)] **IEEE CNF**

---

10 Multispectral magnetic resonance image segmentation using neural networks
Ozkan, M.; Sprenkels, H.G.; Dawant, B.M.;
Neural Networks, 1990., 1990 IJCNN International Joint Conference on , 17-21 1990
Page(s): 429 -434 vol.1

[Abstract]   [PDF Full-Text (572 KB)] **IEEE CNF**

---

11 Feedforward Bayesian neural network and continuous attributes
Kononenko, I.;
Neural Networks, 1991. 1991 IEEE International Joint Conference on , 18-21 N

Page(s): 146 -151 vol.1

[Abstract]   [PDF Full-Text (304 KB)] **IEEE CNF**

---

12 Identification of supraventricular and ventricular arrhythmias using combination of three neural networks
Chi, Z.; Jabri, M.A.;
Computers in Cardiology 1991. Proceedings. , 23-26 Sep 1991
Page(s): 169 -172

[Abstract]   [PDF Full-Text (288 KB)] **IEEE CNF**

---

13 Determination of the etiology of wide-QRS tachycardias using an art neural network
Dassen, W.; Mulleneers, R.; Bleijlevens, B.; den Dulk, K.; Rodriguez, L.M.; Sch J.; Katsivas, A.; Wellens, H.;
Computers in Cardiology 1991. Proceedings. , 23-26 Sep 1991
Page(s): 165 -168

[Abstract]   [PDF Full-Text (204 KB)] **IEEE CNF**

---

14 Integration of neural networks and decision tree classifiers for auto cytology screening
Lee, J.S.-J.; Hwang, J.-N.; Davis, D.T.; Nelson, A.C.;
Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on , \ i , 8-14 Jul 1991
Page(s): 257 -262 vol.1

[Abstract]   [PDF Full-Text (468 KB)] **IEEE CNF**

15 **Application of neural network in ultrasound tissue characterization (
backscattered signal parameters**
Amin, V.R.; Doerr, V.J.; Arul, P.R.; Carlson, D.L.;
Nuclear Science Symposium and Medical Imaging Conference, 1992., Conferen
Record of the 1992 IEEE , 25-31 Oct 1992
Page(s): 1357 -1359 vol.2

[Abstract]   [PDF Full-Text (256 KB)] **IEEE CNF**

16 **Neural network versus electrocardiographer and conventional comp
criteria in diagnosing anterior infarct from the ECG**
Reddy, M.R.S.; Edenbrandt, L.; Svensson, J.; Haisty, W.K.; Pahlm, O.;
Computers in Cardiology 1992. Proceedings. , 11-14 Oct 1992
Page(s): 667 -670

[Abstract]   [PDF Full-Text (244 KB)] **IEEE CNF**

17 **Detection of ventricular ectopic beats using neural networks**
Chow, H.-S.; Moody, G.B.; Mark, R.G.;
Computers in Cardiology 1992. Proceedings. , 11-14 Oct 1992
Page(s): 659 -662

[Abstract]   [PDF Full-Text (296 KB)] **IEEE CNF**

18 **A symbolic-neural classification system assisting the characterizatio
the Lyme-disease**
Moneta, C.; Zunino, R.;
Systems, Man and Cybernetics, 1992., IEEE International Conference on , 18-2
1992
Page(s): 136 -139 vol.1

[Abstract]   [PDF Full-Text (340 KB)] **IEEE CNF**

19 **Neural networks applied to the collagenous disease Osteogenesis
imperfecta**
Klein, T.E.; Wong, E.;
System Sciences, 1992. Proceedings of the Twenty-Fifth Hawaii International
Conference on , Volume: i , 7-10 Jan 1992
Page(s): 697 -705 vol.1

[Abstract]   [PDF Full-Text (652 KB)] **IEEE CNF**

20 **Prognosis with neural networks using statistically based feature set**
Michel, J.; Mirchandani, G.; Wald, S.;
Computer-Based Medical Systems, 1992. Proceedings., Fifth Annual IEEE Symₚ
on , 14-17 Jun 1992
Page(s): 695 -702

[Abstract]   [PDF Full-Text (364 KB)] **IEEE CNF**

21 **1993 IEEE Instrumentation and Measurement Technology Conferenₑ**
Instrumentation and Measurement Technology Conference, 1993. IMTC/93.
Conference Record., IEEE , 18-20 May 1993

[Abstract]   [PDF Full-Text (80 KB)] **IEEE CNF**

22 **A neural network to diagnose liver cancer**
Maclin, P.S.; Dempsey, J.;
Neural Networks, 1993., IEEE International Conference on , 1993
Page(s): 1492 -1497 vol.3

[Abstract]   [PDF Full-Text (528 KB)] **IEEE CNF**

23 **Autoassociator structured neural network for rhythm classification ₍**
term electrocardiogram
Silipo, R.; Gori, M.; Marchesi, C.;
Computers in Cardiology 1993. Proceedings. , 5-8 Sep 1993
Page(s): 349 -352

[Abstract]   [PDF Full-Text (256 KB)] **IEEE CNF**

24 **Classification of blood volume pulse signals using an artificial neural**
network Bayesian classifier
Heimer, M.L.; Park, D.C.; Puig, J.A.;
Biomedical Engineering Conference, 1993., Proceedings of the Twelfth Souther
Apr 1993
Page(s): 87 -89

[Abstract]   [PDF Full-Text (188 KB)] **IEEE CNF**

25 **A neural network system to classify simulated ECG rhythms**
Kuppuraj, R.N.;
Biomedical Engineering Conference, 1993., Proceedings of the Twelfth Souther
Apr 1993
Page(s): 1 -3

[Abstract]   [PDF Full-Text (176 KB)] **IEEE CNF**

---

26 **Localization of epileptogenic foci using artificial neural networks**
Ouaiss, I.E.; Dhawan, A.P.; Privitera, M.D.;
Engineering in Medicine and Biology Society, 1994. Engineering Advances: Nev
Opportunities for Biomedical Engineers. Proceedings of the 16th Annual Intern;
Conference of the IEEE , 1994
Page(s): 1121 -1122 vol.2

[Abstract]   [PDF Full-Text (180 KB)] **IEEE CNF**

---

27 **Tracking changes in action potential shapes in chronic multi-unit intrafascicular recordings using neural network pattern recognition techniques**
Mirfakhraei, K.; Horch, K.W.;
Engineering in Medicine and Biology Society, 1994. Engineering Advances: Nev
Opportunities for Biomedical Engineers. Proceedings of the 16th Annual Intern;
Conference of the IEEE , 1994
Page(s): 1095 -1096 vol.2

[Abstract]   [PDF Full-Text (184 KB)] **IEEE CNF**

---

28 **Acoustic evaluation of progressive failure in BSCC heart valves**
Eberhardt, A.C.; Chassaing, C.E.; Inderbitzen, R.S.; Wieting, D.W.;
Computer-Based Medical Systems, 1994., Proceedings 1994 IEEE Seventh Syn
on , 10-12 Jun 1994
Page(s): 112 -118

[Abstract]   [PDF Full-Text (276 KB)] **IEEE CNF**

---

29 **A comparison of multilayer perceptron neural network and Bayes piecewise classifier for chromosome classification**
Lerner, B.; Guterman, H.; Dinstein, I.; Romem, Y.;
Neural Networks, 1994. IEEE World Congress on Computational Intelligence.,]
IEEE International Conference on , Volume: 6 , 27 Jun- 2 Jul 1994
Page(s): 3472 -3477 vol.6

[Abstract]   [PDF Full-Text (332 KB)] **IEEE CNF**

---

30 **Fast image analysis using Kohonen maps**
Willett, D.; Busch, C.; Seibert, F.;
Neural Networks for Signal Processing [1994] IV. Proceedings of the 1994 IEEE
Workshop , 6-8 Sep 1994
Page(s): 461 -470

[Abstract] [PDF Full-Text (452 KB)] **IEEE CNF**

---

31 **Signal analysis of electromyogram by artificial neural network**
Lo, T.F.; Chan, F.H.Y.; Lam, F.K.; Poon, P.W.F.;
Speech, Image Processing and Neural Networks, 1994. Proceedings, ISSIPNN '
1994 International Symposium on , 13-16 Apr 1994
Page(s): 535 -538 vol.2

[Abstract] [PDF Full-Text (252 KB)] **IEEE CNF**

---

32 **Predicting depth of anesthesia using bispectral parameters in neura networks**
Muthuswamy, J.;
Engineering in Medicine and Biology Society, 1994. Engineering Advances: Nev
Opportunities for Biomedical Engineers. Proceedings of the 16th Annual Interni
Conference of the IEEE , 1994
Page(s): 1087 -1088 vol.2

[Abstract] [PDF Full-Text (140 KB)] **IEEE CNF**

---

33 **Classification of CAD severity using fusion neural net analysis of mu exercise ECG waveform representations**
Froning, J.N.; Brotherton, T.; Simpson, P.; Froelicher, V.F.; Do, D.;
Computers in Cardiology 1994 , 25-28 Sep 1994
Page(s): 605 -608

[Abstract] [PDF Full-Text (304 KB)] **IEEE CNF**

---

34 **Identifying 3-vessel and main stem disease during pain at rest usin(self-learning techniques**
*Dassen, W.R.M.; Gorgels, A.P.M.; Mulleneers, R.G.A.; Karthaus, V.L.J.; van Els
Talmon, J.L.; Wellens, N.J.J.;*
Computers in Cardiology 1994 , 25-28 Sep 1994
Page(s): 537 -540

[Abstract] [PDF Full-Text (260 KB)] **IEEE CNF**

---

35 **Probabilistic neural networks for medical image quantification**
Adali, T.; Yue Wang;
Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference
Volume: 3 , 13-16 Nov 1994
Page(s): 889 -892 vol.3

[Abstract] [PDF Full-Text (256 KB)] **IEEE CNF**

36 Discriminating mental tasks using EEG represented by AR models
Anderson, C.W.; Stolz, E.A.; Shamsunder, S.;
Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen
Volume: 2 , 20-23 Sep 1995
Page(s): 875 -876 vol.2

[Abstract]   [PDF Full-Text (240 KB)] **IEEE CNF**

---

37 A comparison of neural network architectures for the classification (types of infant cry vocalizations
Petroni, M.; Malowany, A.S.; Johnston, C.C.; Stevens, B.J.;
Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen
Volume: 1 , 20-25 Sep 1995
Page(s): 821 -822 vol.1

[Abstract]   [PDF Full-Text (292 KB)] **IEEE CNF**

---

38 Probabilistic neural network array architecture for ECG classificatior
Kramer, C.; McKay, B.; Belina, O.;
Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen
Volume: 1 , 20-25 Sep 1995
Page(s): 807 -808 vol.1

[Abstract]   [PDF Full-Text (312 KB)] **IEEE CNF**

---

39 Artificial neural networks for the classification of electrophoretic pat
Ruggeri, A.; Danzi, G.;
Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen
Volume: 1 , 20-25 Sep 1995
Page(s): 825 -826 vol.1

[Abstract]   [PDF Full-Text (256 KB)] **IEEE CNF**

---

40 Neural networks for predicting depth of anesthesia from auditory ev potentials: a comparison of the wavelet transform with autoregressive modeling and power spectrum feature extraction methods
Nayak, A.; Roy, M.S.; Roy, R.J.;
Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen
Volume: 1 , 20-25 Sep 1995
Page(s): 797 -798 vol.1

[Abstract]   [PDF Full-Text (224 KB)] **IEEE CNF**

---

41 A comparison of neural network and Bayes recognition approaches 1

diagnostic of multiple sclerosis
Nehmadi, Y.; Guterman, H.;
Electrical and Electronics Engineers in Israel, 1995., Eighteenth Convention of
Mar 1995
Page(s): 1.2.3/1 -1.2.3/5

[Abstract]　[PDF Full-Text (352 KB)] **IEEE CNF**

---

42 **Classification of chromosomes using higher-order neural networks**
Zardoshti-Kermani, M.; Afshordi, A.;
Neural Networks, 1995. Proceedings., IEEE International Conference on , Volun
Nov/Dec 1995
Page(s): 2587 -2591 vol.5

[Abstract]　[PDF Full-Text (264 KB)] **IEEE CNF**

---

43 **Fuzzy preprocessing and artificial neural network classification for t diagnostic interpretation of the resting ECG**
Silipo, R.; Bortolan, G.; Marchesi, C.;
Computers in Cardiology 1995 , 10-13 Sep 1995
Page(s): 365 -368

[Abstract]　[PDF Full-Text (408 KB)] **IEEE CNF**

---

44 **A neural network system for detection of life-threatening arrhythmi based on Kohonen networks**
Voukydis, P.C.;
Computers in Cardiology 1995 , 10-13 Sep 1995
Page(s): 165 -167

[Abstract]　[PDF Full-Text (236 KB)] **IEEE CNF**

---

45 **A patient-adaptive neural network ECG patient monitoring algorithn**
Watrous, R.; Towell, G.;
Computers in Cardiology 1995 , 10-13 Sep 1995
Page(s): 229 -232

[Abstract]　[PDF Full-Text (336 KB)] **IEEE CNF**

---

46 **Enhancement and identification of microcalcifications in mammogra images using wavelets**
Songyang Yu; Brown, S.; Yu Xue; Ling Guan;
Systems, Man, and Cybernetics, 1996., IEEE International Conference on , Volu
14-17 Oct 1996

Page(s): 1166 -1171 vol.2

[Abstract]   [PDF Full-Text (424 KB)] **IEEE CNF**

---

47 **CCE-based index selection for neuro assisted MR-image segmentatic**
Kosugi, Y.; Suganaimi, Y.; Uemoto, N.; Kameyama, K.; Sase, M.; Momose, T.;
Nishikawa, J.;
Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996
Page(s): 249 -252 vol.2

[Abstract]   [PDF Full-Text (480 KB)] **IEEE CNF**

---

48 **A hybrid intelligent diagnostic system based on neural networks anc**
analysis techniques in the field of automated cytogenetics
Eskiizmirliler, S.; Erkmen, A.M.; Basaran, F.; Nur Cakar, A.;
Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996
Page(s): 315 -318 vol.1

[Abstract]   [PDF Full-Text (436 KB)] **IEEE CNF**

---

49 **ECG rhythm classification using artificial neural networks**
Oien, G.E.; Bertelsen, N.A.; Eftestol, T.; Husoy, J.H.;
Digital Signal Processing Workshop Proceedings, 1996., IEEE , 1-4 Sep 1996
Page(s): 514 -517

[Abstract]   [PDF Full-Text (472 KB)] **IEEE CNF**

---

50 **Methodology for the construction of more efficient artificial neural**
networks by means of studying and selecting the training set
de la Calle, J.D.; del Riego, A.S.; Pazos Sierra, A.;
Neural Networks, 1996., IEEE International Conference on , Volume: 2 , 3-6 Ju
Page(s): 1285 -1290 vol.2

[Abstract]   [PDF Full-Text (572 KB)] **IEEE CNF**

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---

1 **Integration of neural networks and decision tree classifiers for auton cytology screening**
Lee, J.S.-J.; Hwang, J.-N.; Davis, D.T.; Nelson, A.C.;
Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on , \
i , 8-14 Jul 1991
Page(s): 257 -262 vol.1

[Abstract]   [PDF Full-Text (468 KB)] **IEEE CNF**

---

2 **Fast image analysis using Kohonen maps**
Willett, D.; Busch, C.; Seibert, F.;
Neural Networks for Signal Processing [1994] IV. Proceedings of the 1994 IEEE
Workshop , 6-8 Sep 1994
Page(s): 461 -470

[Abstract]   [PDF Full-Text (452 KB)] **IEEE CNF**

---

3 **A hybrid intelligent diagnostic system based on neural networks and analysis techniques in the field of automated cytogenetics**
Eskiizmirliler, S.; Erkmen, A.M.; Basaran, F.; Nur Cakar, A.;
Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996
Page(s): 315 -318 vol.1

[Abstract]   [PDF Full-Text (436 KB)] **IEEE CNF**

---

4 **A screening test for speech pathology assessment using objective qu**

measures
Wallen, E.J.; Hansen, J.H.L.;
Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Confere
Volume: 2 , 3-6 Oct 1996
Page(s): 776 -779 vol.2

[Abstract]   [PDF Full-Text (436 KB)] **IEEE CNF**

---

5 **A sequential detection method for late auditory evoked potentials**
Hoppe, U.; Eysholdt, U.; Weiss, S.;
Engineering in Medicine and Biology Society, 1996. Bridging Disciplines for
Biomedicine. Proceedings of the 18th Annual International Conference of the II
Volume: 3 , 31 Oct-3 Nov 1996
Page(s): 999 -1000 vol.3

[Abstract]   [PDF Full-Text (208 KB)] **IEEE CNF**

---

6 **Neural network objective functions for detection problems**
Weber, D.; Breitenbach, J.;
Communications and Signal Processing, 1997. COMSIG '97., Proceedings of the
South African Symposium on , 9-10 Sep 1997
Page(s): 43 -46

[Abstract]   [PDF Full-Text (376 KB)] **IEEE CNF**

---

7 **“Visual ophthalmologist” an automated system for classification of retinal damage**
Aleynikov, S.; Micheli-Tzanakou, E.;
Neural Networks,1997., International Conference on , Volume: 4 , 9-12 Jun 19!
Page(s): 2485 -2489 vol.4

[Abstract]   [PDF Full-Text (800 KB)] **IEEE CNF**

---

8 **A neural network classifier for the automatic interpretation of epilepi zones in F-18FDG brain PET**
Jae Sung Lee; Seok-Ki Kim; Dong Soo Lee; Myung Chul Lee; Kwang Suk Park;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 3 , 29 Oct-1 Nov 1998
Page(s): 1408 -1411 vol.3

[Abstract]   [PDF Full-Text (420 KB)] **IEEE CNF**

---

9 **Objective assessment of pathological voice quality**
Ritchings, R.T.; McGillion, M.A.; Conroy, G.V.; Moore, C.J.;

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. IEEE International Conference on , Volume: 6 , 1999
Page(s): 340 -345 vol.6

[Abstract]   [PDF Full-Text (388 KB)] **IEEE CNF**

10 **Training neural networks to count white blood cells via a minimum counting error objective function**
Theera-Umpon, N.; Gader, P.D.;
Pattern Recognition, 2000. Proceedings. 15th International Conference on , Vol , 2000
Page(s): 299 -302 vol.2

[Abstract]   [PDF Full-Text (292 KB)] **IEEE CNF**

11 **Diagnosis of vocal and voice disorders by the speech signal**
Hernandez-Espinosa, C.; Gomez-Vilda, P.; Godino-Llorente, J.I.; Aguilera-Nava
Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 4 , 2000
Page(s): 253 -258 vol.4

[Abstract]   [PDF Full-Text (492 KB)] **IEEE CNF**

12 **Unsupervised classification of ECG beats using a MLVQ neural netwo**
Sun, Y.; Chan, K.L.; Krishnan, S.M.; Dutt, D.N.;
Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd An International Conference of the IEEE , Volume: 2 , 2000
Page(s): 1387 -1390 vol.2

[Abstract]   [PDF Full-Text (336 KB)] **IEEE CNF**

13 **Development of a field-portable imaging system for scene classifical using multispectral data fusion algorithms**
Preston, E.; Bergman, T.; Gorenflo, R.; Hermann, D.; Kopala, E.; Kuzma, T.; L L.; Orkis, R.;
IEEE Aerospace and Electronics Systems Magazine , Volume: 9 Issue: 9 , Sep 1
Page(s): 13 -19

[Abstract]   [PDF Full-Text (808 KB)] **IEEE JNL**

14 **A CAD system for the automatic detection of clustered microcalcifica in digitized mammogram films**
Songyang Yu; Ling Guan;
Medical Imaging, IEEE Transactions on , Volume: 19 Issue: 2 , Feb 2000

Page(s): 115 -126

[Abstract]   [PDF Full-Text (292 KB)] **IEEE JNL**

15 **Localization of epileptogenic zones in F-18 FDG brain PET of patient:
temporal lobe epilepsy using artificial neural network**
*Jae Sung Lee; Dong Soo Lee; Seok-Ki Kim; Sang-Kun Lee; June-Key Chung; N
Chul Lee; Kwang Suk Park;*
Medical Imaging, IEEE Transactions on , Volume: 19 Issue: 4 , Apr 2000
Page(s): 347 -355

[Abstract]   [PDF Full-Text (208 KB)] **IEEE JNL**

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